

Message Text

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ACTION ARA-14

INFO OCT-02 ISO-00 EB-08 XMB-04 /027 W
-----013447 252309Z /13

R 251747Z JAN 78
FM AMEMBASSY SAN SALVADOR
TO USDOC WASHDC
INFO SECSTATE WASHDC 6775

UNCLAS SECTION 1 OF 2 SAN SALVADOR 00385

USDOC PLEASE PASS TO EXIMBANK ATTN: DANIEL RENGERS OR EDWARD
O'CONNER.

E.O 11652: N/A
TAGS: BENC, BEXP, ES
SUBJECT: SAN LORENZO HYDROELECTRIC DAM PROJECT-STATUS REPORT

REF: (A) 77 SAN SALVADOR 863; (B) 77 SAN SALVADOR 1919; (C) 77
SAN SALVADOR 1956; (D) 77 SAN SALVADOR A-46; (E) 77 SAN SALVADOR 3529
;
(F) 77 SAN SALVADOR 3537; (G) 77 SAN SALVADOR 3726; (H) 77 SAN
SALVADOR 4546; (I) 77 SAN SALVADOR 5034; (J) 77 SAN SALVADOR
5771.

1. WITH SIGNING OF THREE IDB LOANS TOTALING \$90.4 MN ON
NOVEMBER 3, 1977:
THE \$200 MN SAN LORENZO DAM PROJECT IS MOVING
AHEAD AS SCHEDULED WITH COMPLETION PLANNED FOR 1982.

2. FINANCING: IDB PROVIDING THREE LOANS TOTALING \$90.4 MN.
COMPRISING \$45.4 MN. FROM FUND FOR SPECIAL OPERATIONS, \$30 MN.
FROM VENEZUELA TRUST FUND, AND A \$15 MN. COMPLIMENTARY CREDIT
FROM ORDINARY CAPITAL RESOURCES; COMISION EJECUTIVA HIDRO-
ELECTRICA DEL RIO LEMPA (CEL) PROVING \$78.1 MN. AND PARALLEL FIN-
ANCING (SUPPLIER REDITS) PROVING REMAINING \$31.8 MN. FOR TOTAL
OF \$200.3.

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3. TENDERS: (AWARDED OR PENDING)

(A) HARZA ENGINEERING CO. OF CHICAGO DID PREFEASIBILITY STUDY
AND IN OCTOBER, 1977, SIGNED CONTRACT WITH CEL FOR ENGINEERING
AND PROJECT MANAGEMENT.

(B) CEL/452 FOR SOIL TESTING ISSUED 4/77 VOIDED FOR LACK OF OFFERS. THIS TENDER SUBSEQUENTLY AWARDED TO EMKAY-TEER (THE JOINT VENTURE FIRM OF MORRISON AND KNUDSAON TOGETHER WITH NELLO TEER NOW IN FINAL STAGE OF COMPLETING CONSTRUCTION ON CERRON GRANDE HYDROELECTRIC DAM).

(C) CEL/534 (T-0059, 77 SAN SALVADOR 1956) FOR FOUNDATION AND BURROW WORK ISSUED QRXUU AND WON BY SWISBORING OVERSEAS CORPORATION FOR A REPORTED \$353,280.

(D) CEL/535 (T-0060, 77 SAN ALVADOR 1919) FOR EXPLORATORY DRILLING OF RIVER ALLUVIUM ISSUED 4/77 VOIDED FOR LACK OF OFFERS. THIS TENDER SUBSEQUENTLY AWARDED TO SWISBORING AS PART OF CEL/534.

(E) CEL/543 (T-0003, 77 SAN SALVADOR 3537) PREQUALIFICATION FOR MANUFACTURE AND SUPPLY OF GENERATORS PUBLISHED JULY 77. FOLLOWING 22 FIRMS (LISTED BY REPORTED NATIONALITY,) HAVE BEEN PRE-QUALIFIED.

U.S.-THE ENGLISH ELECTRIC CORP, ALLIS CHALMERS, MITSUBISHI, GENERAL ELECTRIC, WESTINGHOUSE ELECTRIC CORP, SUMITOMO SHOJI AMERICA INC, AEG-TELEGUNKEN CORP, KANEMATSU-GOSHO INC;

JAPANESE - HITACHI LTD., TOSHIBA; FRENCH - ALSTHOM ALANTIQUE, JEUMONT-SCHNEIDER; SWISS-BROWN-BOVERI & CO, ITALIAN - GENERALE UNCLASSIFIED

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S.P.A., ERCOLE MARELLI & CO. S.P.A.; BRAZILIAN - GENERAL ELECTRIC CO. LTD.; AUSTRIAN - ELIN-UNION AG; CANADIAN - CANADIAN GENERAL ELECTRIC CO. LTD.; UK - PARSONS PEEBLES; SPANISH - GENERAL ELECTRIC ESPANOLA; GERMAN - SIEMENS A.G.;AND SWEDISH - ASEA.

THE ACUTAL TENDER FOR MANUFACTURE AND SUPPLY OF GENERATORS (VALUED AT AN ESTIMATED \$10 MN) WAS SENT TO PREQUALIFIED FIRMS WITH BID OPENING CURRENTLY SCHEDULED FOR 2/14/78.

(F) CEL/544 (T-0002, 77 SAN SALVADOR 3537) PREQUALIFICATION FOR MANUFACTURE AND SUPPLY OF TURBINES AND GOVERNORS PUBLISHED JULY 1977 WITH DEADLINE OF 8/31/77.

FOLLOWING 19 FIRMS (LISTED BY REPORTED NATIONALITY) WERE PRE-QUALIFIED TO BID:

U.S. - ALLIS CHALMERS, SULZER BROTHERS, INC., WOODWARD GOVERNOR OC., KANEMATUS-GOSHO INC.; JAPANESE - HITACHI LIMITED, MITSUBISHI, SUMITOMO SHOJI KAISHA LTD., TOSHIBA; SPANISH - MECANICA DE LA PENIA S.A. (SERCOBE), LA MAQUINISTA TERRESTRE Y MARI-TUCA S.A.; SWEDISH - A.B. KARLSTADS MEKANISKA WERKSTAD, AB

NOHAB; UK - BOVING AND CO. LTD.; CANADIAN - DOMINION ENGINEERING
WORKS LTD.; ITALIAN - HYDROART S.P.A.; FRENCH - SOCIETE NEYRPIC;
AUSTRIAN - VOEST-ALPINE A.G.; GERMAN - JM VOITH G.
M.B.H.; AND BRAZIL - MECANICA PESADA S.A.

THE ACTUAL TENDER (WITH ESTIMATED VALUE OF \$10 MN.) FOR MAN-
UFACTURE AND SUPPLY OF TURBINES WAS SENT TO PREQUALIFIED
FIRMS WITH BID OPENING CURRENTLY SCHEDULED FOR 2/14/78.

(G) CEL/550 (LOCAL CONTRACTORS ONLY) FOR CONSTRUCTION OF
WORK CAMP PUBLISHED SEPTEMBER, 1977 AND AWARDED IN NOVEMBER 1977
TO THE SALVADORAN FIRM CASTANEDA-VASQUEZ Y CIA. FOR A REPORTED
\$1.1 MN.

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ACTION ARA-14

INFO OCT-02 ISO-00 EB-08 XMB-04 /027 W
-----014480 252309Z /13
R 251747Z JAN 78
FM AMEMBASSY SAN SALVADOR
TO USDOC WASHDC
INFO SECSTATE WASHDC 6778

UNCLAS SECTION 2 OF 2 SAN SALVADOR 00385

USDOC PLEASE PASS TO EXIMBANK ATTN: DANIEL RENGERS OR EDWARD
O'CONNER.

(H) CEL/551 (T-0005, 77 SAN SALVADOR 5033) MANUFACTURE OF TWO
POWER TRANSFERS (ESTIMATED VALUE \$800,000) PUBLISHED OCTOBER
1977, WITH BID OPENING SCHEDULED 2/1/78.

(I) CEL/553 (T-0077, 77 SAN SALVADOR 4546) PREQUALIFICATION
FOR CONSTRUCTION OF DAM, POWERHOUSE, ETC. AS WELL AS INSTALLATION
OF EQUIPMENT, PUBLISHED IN SEPTEMBER 1977, WITH DEADLINE

PTKQXQYXUUM THE FOLLOWING 34 IRMS (LISTED BY STATED NATIONALITY) HAVE BEEN PREQUALIFIED: U.S. - MORRISON-KNUDSON#, (CERRVO GRANDE DAM CONTRACTOR), J.A. JONES (5TH OF NOVEMBER DAM CONTRACTOR), BROWN & ROOT, H.P. ZACHRY AND G.F. ATKINSON (JOINT VENTURE), DRAVO, PERINI, GORDON BALL, S.G. GROVES, OMAN, BLOUNT BROS; BRAZILIAN - MKONSTRUCTORA MENDES JUNIOR, COMPANIA BRASILEIRA DE PROYECTOS, ESCRITORIO DE CONSTRUCCIONES Y ENG., SERVIX ENGERHANA; GERMAN - ED ZUBLIN, BILFINGER AND BERGER, HOCHTIEF, C. BARESEL; SPANISH - AGROMAN#, DRAGADOS Y CONSTRUCCIONES, ENTERCANALES Y TAVORA; FRENCH - DUMEX, SPIE BATIGNOLLES, CAMPENON BERNARD CETRA; ITALIAN - IMPREGILO, IMPRESA ASTALID ESTEROCODELFA-COLUMBUS (JOINT VENTURE), TORNIO; SWISS/ITALIAN - STRADELI-COGEFAR (JOINT VENTURE); HOLLAND - BALLAST NEDAM, BOSKALLIS WESTMINSTER; SWEDEN - STANSKA; MEXICAN - ICA; AND JAPANESE - HAZAMAGUMI#

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FIRMS CURRENTLY WORKING IN EL SALVADOR.

THE ACTUAL TENDER FOR CONSTRUCTION AND INSTALLATION (ESTIMATED VALUE \$100 MN) HAS BEEN SENT TO PREQUALIFIED FIRMS WITH BID OPENING SCHEDULED FOR 4/5/78.

REMAINING TENDERS: (TO BE PUBLISHED):

(J) GATES - WILL PUBLISH TENDER MARCH 78, DEADLINE JUNE 78, AWARD AUGUST 78.

(K) 300 TON CAPACITY TRAVELING AND OTHER CRANES - WILL PUBLISH TENDER MARCH 78, DEADLINE JUNE 78 AWARD OCTOBER 78.

(L) CIRCUIT BREAKERS AND LIGHTING ARRESTERS - WILL PUBLISH TENDER JANUARY 78; DEADLINE APRIL 78; AWARD JUNE 78.

(M) INSULATED PHASE ROD - WILL PUBLISH TENDER FEBRUARY 78, DEADLINE JUNE 78 AWARD AUGUST 78.

(N) CONTROL PANELS - WILL PUBLISH TENDER JUNE 78, DEADLINE OCTOBER 78, AWARD DECEMBER 78.

(O) STRUCTURE AND EQUIPMENT FOR 115-KILOVOLT SUBSTATION - WILL PUBLISH TENDER MAY 78, DEADLINE OCTOBER 78, AWARD DECEMBER 78.

(P) SUPERVISORY EQUIPMENT - WILL PUBLISH TENDER OCTOBER 78, DEADLINE FEBRUARY 79, AWARD APRIL 79.

(Q) MICROWAVE EQUIPMENT - WILL PUBLISH TENDER OCTOBER 78, DEADLINE FEBRUARY 79, AWARD APRIL 79.

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4. COMPLETION OF SAN LORENZO PROJECT IN 1982 WILL ADD 180 MEGAWATTS TO EL SALVADOR'S INSTALLED GENERATING CAPACITY, BRINGING TOTAL HYDROELECTRIC GENERATING CAPACITY (INCLUDING SECOND 67.5 MEGAWATT UNIT OF CERRON GRANDE HYDROELECTRIC DAM CURRENTLY BEING INSTALLED) TO 142 MEGAWATTS.

5. AT MID-1977 EL SALVADOR'S INSTALLED GENERATING CAPACITY TOTALLED 352.6 MEGAWATTS OF WHICH 164.5 MEGAWATTS OR 46.6 PERCENT WAS HYDROELECTRIC, 60 MEGAWATTS OR 17 PERCENT WAS GEOTHERMAL AND 128.2 MEGAWATTS OR 36.4 PERCENT WAS CONVENTIONAL THERMAL.

6. IN 1982, EL SALVADOR'S INSTALLED GENERATING CAPACITY IS PROJECTED TO TOTAL 635.2 MEGAWATTS OF WHICH 412 MEGAWATTS OR 64.9 PERCENT (INCLUDING SECOND 67.5 MEGAWATT UNIT OF CERRON GRANDE CURRENTLY UNDER CONSTRUCTION AS WELL AS 180 MEGAWATT CAPACITY OF SAN LORENZO) WILL BE HYDROELECTRIC, 95 MEGAWATTS OR 15.0 PERCENT (INCLUDING 35 MEGAWATT THIRD UNIT OF AHUACHAPAN GEOTHERMAL PLANT CURRENTLY UNDER CONSTRUCTION) WILL BE GEOTHERMAL AND 128.2 MEGAWATTS OR 20.1 PERCENT WILL BE CONVENTIONAL THERMAL, WITH THE REMAINING CAPACITY PRINCIPALLY USED FOR PEAKING OR EMERGENCY NEEDS.
DEVINE

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Message Attributes

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Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
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Disposition History: n/a
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Reference: 77 SAN SALVADOR 863, 77 SAN SALVADOR 1919
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Review Content Flags:
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Review Event:
Review Exemptions: n/a
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TAGS: BENC, BEXP, ES
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Type: TE
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